

401 Water Quality Certification of Utility Line Backfill and Bedding

* Applications for utility line activities impacting surface waters of the Commonwealth must include the following listed information and/or a completed table to expedite the review process:

1. A detailed project description.
2. A large scale map showing the entire route of the project.
3. The proposed route of the project on 8 ½ by 11-inch copies of 7.5-minute United States Geological Survey (USGS) quadrangle maps, national wetland inventory maps, published soil survey maps, scaled aerial photographs, and/or other suitable maps. Clearly mark and number the location of each proposed utility line crossing and/or appurtenant structure(s) impacting surface waters of the Commonwealth on the map. Pictures should also be taken at all of the crossing locations. Surface waters is defined as those waters having well-defined banks and beds, either constantly or intermittently flowing; lakes and impounded waters; marshes and wetlands; and any subterranean waters flowing in well-defined channels and having a demonstrable hydrologic connection with the surface. Lagoons used for waste treatment and effluent ditches that are situated on property owned, leased, or under valid easement by a permitted discharger are not considered to be surface waters of the commonwealth (401 KAR 10:001 Chapter 10, Section 1(80)).
4. Each proposed crossing impacting surface waters should be included in Table 1 including utility lines [trenching, directional boring/horizontal directional drilling, pipe bursting, and pipe lining or Cured-in-place (CIPP)], access roads, headwalls, associated bank stabilization areas, substations, pole or tower foundations, maintenance corridor, and staging areas.
5. The following site specific information should be provided when applicable:
 - a) Surface water name/ID, county, map name/ID, latitude/longitude coordinates;
 - b) Identify any surface water to be impacted that is designated by the Kentucky Division of Water as an Outstanding State or National Resource Water, Cold Water Habitat, or Exceptional Water (<http://eppcapp.ky.gov/spwaters/>);
 - c) Stream flow regime (perennial, intermittent or ephemeral);
 - d) Wetland Type (National Wetland Inventory classification and/or emergent wetland, scrub-shrub, or forested);
 - e) Proposed type of crossing , including utility line [trenching, directional boring/horizontal directional drilling, pipe bursting, and Pipe Lining or Cured-in-place (CIPP)], access roads, headwalls, associated bank stabilization areas, substations, pole or tower foundations, maintenance corridor, and staging areas;
 - f) Specify temporary, permanent or no impacts in linear ft. (length of bank disturbance) or wetland acreage;
 - g) Stream (linear feet of stream bank impacted) or Wetland (acre(s) impacted).
 - h) Construction and Maintenance Corridor Impact (linear feet)- Construction and maintenance corridors shall not exceed 50 feet of bank disturbance in order to meet general water quality certification condition #4 for Nationwide Permit #12.
 - i) Photograph Number/ID - Pictures should also be taken at all of the crossing locations.
6. A typical cross-section of any utility line crossing.

